Index of Claims

Application/Control No.

10/657,228 Examiner

Matt P. Hodges

Applicant(s)/Patent under Reexamination

KANESAKA, SATOSHI

Art Unit

2879

| √  | Rejected |
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| 11 | Allowed  |

- (Through numeral)
Cancelled
+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim Date   |          |            | Claim Date    |          |                                                  |                                                   |         |                |                        | Cla      | aim      | Date             |          |               |          |              |           |               |          |              |          |          |         |         |              |              |          |           |
|--------------|----------|------------|---------------|----------|--------------------------------------------------|---------------------------------------------------|---------|----------------|------------------------|----------|----------|------------------|----------|---------------|----------|--------------|-----------|---------------|----------|--------------|----------|----------|---------|---------|--------------|--------------|----------|-----------|
|              | - a      | <u>ي</u> ا |               |          | 1                                                |                                                   |         |                |                        | <u></u>  |          |                  |          |               |          |              |           |               |          | <del>-</del> |          |          |         |         |              |              |          |           |
| Final        | Original | 4/29/05    | i I           |          |                                                  |                                                   |         |                | Final                  | Original |          |                  |          |               |          |              |           |               | Final    | Original     |          |          |         |         |              |              |          |           |
| 证            | Ę        | 4/2        |               |          |                                                  |                                                   |         |                | ΙĒ                     | ٦        | ŀ        |                  |          |               |          |              |           |               | ίĒ       | ΞĚ           |          |          |         |         |              |              |          | 1         |
| L            |          |            |               |          | Ш                                                |                                                   |         |                |                        |          |          | $\perp$          | Ш        |               |          | _            |           | L             |          |              |          | $\perp$  | $\perp$ | ┸       |              |              |          |           |
|              | 1        | V          |               |          | $\bot$                                           |                                                   |         |                |                        | 51       |          |                  | Ш        | $\perp$       | $\perp$  | $\perp$      |           |               |          | 101          | $\Box$   | $\perp$  | $\perp$ | _ _     |              | L            |          | _         |
|              | 2        | 1          |               |          | Ш                                                |                                                   |         |                | L                      | 52       |          | $\perp$          | $\sqcup$ |               |          |              |           |               |          | 102          |          | $\perp$  | $\perp$ | $\perp$ | ┖            |              |          |           |
|              | 3        | 1          |               |          | $\perp$                                          | _                                                 |         |                |                        | 53       |          |                  | $\sqcup$ |               |          |              |           | L             |          | 103          |          |          | $\perp$ |         | <u> </u>     | $oxed{oxed}$ |          |           |
|              | 4        | _          | $\sqcup$      | ┷        | 1                                                |                                                   |         | <u> </u>       | ш                      | 54       |          |                  | $\bot$   |               |          | Ш            | Ш         | _             |          | 104          |          |          | _       |         | _            |              |          |           |
|              | 5        | _          |               | $\bot$   | $\sqcup$                                         |                                                   |         | Ш              | ш                      | 55       |          |                  | $\sqcup$ |               |          | $oxed{oxed}$ |           | L             |          | 105          |          | _        | _       | ┸       | $\perp$      | L            |          |           |
|              | 6        |            | $\perp$       | 4        | $\bot$                                           | _                                                 |         | Ш              |                        | 56       |          | $\bot$           | $\bot$   | $\perp$       |          | ļ            |           |               |          | 106          |          | _        | $\perp$ | _       | ↓            | L            |          |           |
|              | 7        | L          |               |          | 11                                               | _                                                 | _       | Ш              |                        | 57       |          |                  | 1        |               |          | Ш            |           | L             |          | 107          | $\Box$   | _        | 4       |         | _            | Ш            |          | _         |
|              | 8        | ļ          | _             | _        | $\sqcup$                                         |                                                   |         | Ш              | ļ                      | 58       | _ _      | 4                | $\sqcup$ |               |          |              |           | -             |          | 108          | _        | _        | 4       |         | _            | L            |          |           |
|              | 9        | $\vdash$   | -             | +-       | +                                                |                                                   |         | Ш              | ļ                      | 59       |          | —                | -        | $\rightarrow$ | -        | +            | Ш         | -             |          | 109          | _        | _        | _       | _       | _            |              |          | 4         |
| <u> </u>     | 10       | <u> </u>   |               | +        | +                                                |                                                   |         | Н              | $\vdash \vdash \vdash$ | 60       | +        | +                | $\vdash$ | $\perp$       | 4        | $\perp$      | $\square$ | 1             |          | 110          | _        | $\dashv$ | $\perp$ | +       | ↓_           | Ш            | _        | $\dashv$  |
| <u> </u>     | 11       |            |               | +        | <del>                                     </del> |                                                   | $\bot$  | $\sqcup$       | $\vdash \vdash \vdash$ | 61       | -        |                  | <b>├</b> | -             | +        | +            |           |               |          | 111          | _        | _        | 4       | +       | -            | $\vdash$     | _        | _         |
| $\vdash$     | 12       | H          | $\vdash$      | +        | +                                                |                                                   |         | Ш              | $\vdash \vdash \mid$   | 62       |          | +                | $\vdash$ | $\perp$       | +        | $\vdash$     | $\square$ | -             |          | 112          | _        | $\dashv$ | +       | +       | ـــ          | Ш            | _        | _         |
|              | 13       |            |               | +        | 1                                                | -                                                 | +       | $\vdash$       |                        | 63       |          | +                | $\vdash$ |               | -        | $\vdash$     | Щ         |               | _        | 113          | $\dashv$ | $\dashv$ | +       | $\bot$  | ╀            | $\vdash$     | _        | $\dashv$  |
|              | 14       | _          | -+            | +-       | $\vdash$                                         |                                                   | +       | $\vdash$       | ┝─┤                    | 64       | -        | +-               | $\vdash$ |               |          | $\vdash$     | Щ         | -             | -        | 114          | _        | $\perp$  | +       | +       | ↓            | -            | _        | $\dashv$  |
| $\vdash$     | 15       | -          | +             | +        | ₩                                                | $\dashv$                                          | +       | $\vdash$       | <u> </u>               | 65       | +        |                  | $\vdash$ | -             | +        | 1            | Ш         | -             |          | 115          |          | -        | +       |         | -            | _            | _        | 4         |
| $\vdash$     | 16<br>17 | -          | +             | +        | ╁┤                                               | +                                                 | +       | $\vdash$       | $\vdash \vdash \vdash$ | 66       | +        | +                | $\vdash$ | $\dashv$      | +        | -            |           | ⊪⊦            |          | 116          |          | $\dashv$ | +       | +-      | ┼            | $\vdash$     | _        | $\dashv$  |
| <u> </u>     | 18       | H          | -             | +        | ┦                                                | $\dashv$                                          |         | Н              | <b>  </b>              | 67       |          |                  | $\vdash$ |               |          | +            | _         | -             |          | 117          |          | +        | +       | 4-      | -            | H            | _        | 4         |
| <del> </del> |          | H          |               | +        | +                                                | -                                                 |         | $\vdash$       | <b></b>                | 68       | -        | +                | $\vdash$ | $\dashv$      |          | $\vdash$     | _         | -             |          | 118          | $\dashv$ | $\dashv$ | +       | +       | -            | -            | _        | 4         |
| $\vdash$     | 19       | $\vdash$   | +             | +        | +                                                | -                                                 |         | $\vdash\vdash$ | <b></b>                | 69       | -        |                  | ┦        |               |          | +            | -         | -             |          | 119          | -        | -        | +       | +       | -            |              | $\dashv$ | 4         |
|              | 20       | $\vdash$   | +             | +-       | +                                                | +                                                 | -       | Н              | -                      | 70<br>71 | +        | ┼                | ╂╼╉      | $\dashv$      | -        | +            |           | -             |          | 120          |          | +        | +       | +       | -            | _            | $\dashv$ | 4         |
|              | 21<br>22 |            |               | +        | 1                                                |                                                   |         | $\vdash$       |                        |          | -        | +                | $\vdash$ |               | -        | ╀╌┨          |           | -             |          | 121          | _        |          | +       | +       | ┼            |              | $\dashv$ | $\dashv$  |
| $\vdash$     | 23       |            |               | +-       | ╁                                                | +                                                 | -       | Н              |                        | 72       | +        |                  | ╁╌┤      | +             |          | Н            |           | -             |          | 122          | -        | -        | +       | -       | 1            | -            | -        | $\dashv$  |
| $\vdash$     |          | $\vdash$   | +             | +        | +                                                | +                                                 | +-      | Н              |                        | 73<br>74 | -        | +                | $\vdash$ |               | +-       | Н            | -         | ŀ             | -        | 123          | $\dashv$ |          | +       |         | _            |              | -        | 4         |
|              | 24<br>25 | _          | +             | +        | ╂╌┤                                              | +                                                 | +       | Н              |                        | 75       | +        |                  | 11       |               | +        | +            | $\dashv$  | -             |          | 124          | -        | +        | +       | -       | ╄            | H            | _        | -         |
|              | 26       |            | +             | +        | +1                                               | +                                                 |         | $\vdash$       |                        | 76       |          | +                | $\vdash$ |               | +        | +            | -         | -             |          | 125          | _        | -        | +       | +       | ┼            | Н            | $\dashv$ | _         |
|              | 27       |            | $\dashv$      | +        | ╫                                                | $\dashv$                                          |         | Н              | $\vdash$               | 77       | -        | +                | ╁╌┼      | -             | +        | ╁┤           |           | -             |          | 126          | -        | -        | +       |         | ╀            | Н            | -        | -         |
|              | 28       |            | +             | ╅        | +                                                | $\dashv$                                          |         | $\vdash$       |                        | 78       |          | +                | $\vdash$ |               | ┿        | +            |           | ŀ             |          | 127<br>128   |          | -+       | +       | ┿       | <del> </del> | $\vdash$     | -        | _         |
| $\vdash$     | 29       | Н          | +             | ╁        | +                                                | $\dashv$                                          | +       | $\vdash$       | +                      | 79       |          | +                | $\vdash$ |               | +        | $\vdash$     |           | ŀ             | -        | 129          | -        | $\dashv$ | +       | ┿       | ╁╾           | Н            | -        | $\dashv$  |
|              | 30       |            | +             | +        | Н                                                | $\dashv$                                          |         | $\vdash$       |                        | 80       | -        | +-               | $\vdash$ | -             | +        | +            | $\dashv$  | iii  -        |          | 130          |          | $\dashv$ | +       | +       | +            | Н            | -+       | 긕         |
| $\vdash$     | 31       | Н          | -             | +-       | +                                                | -                                                 | - -     | $\vdash$       |                        | 81       |          | ╫                | $\vdash$ | -+            | +-       | 1-1          | -         | -             |          | 131          | -        | -+       | ╁       | +-      | ╁            | -            | -+       | -         |
| $\vdash$     | 32       | Н          | $\dashv$      | +        | +                                                | $\dashv$                                          | +       | Н              |                        | 82       | +        | ╁╌               | $\vdash$ | +             | +-       |              | -         | ŀ             |          | 132          | $\dashv$ | $\dashv$ | +       | +       | $\vdash$     |              | $\dashv$ | $\dashv$  |
|              | 33       |            | $\dashv$      | +        | 1 1                                              |                                                   | +       | $\vdash$       |                        | 83       | +        | +                | + +      | $\dashv$      | $\dashv$ | H            | $\dashv$  | -             |          | 133          | -        | +        | ╁       | +       | ╁╌           | Н            | $\dashv$ | $\dashv$  |
| $\vdash$     | 34       | Н          | _             | $\top$   | ${}^{\dagger}$                                   |                                                   | $\top$  | $\vdash$       |                        | 84       | $\dashv$ | +                | $\vdash$ | $\dashv$      | +        | +            | $\dashv$  | H             |          | 134          | $\dashv$ | +        | +       | +       | $\vdash$     | $\vdash$     | $\dashv$ | $\dashv$  |
| М            | 35       | Н          | $\dashv$      | +        | T                                                | $\top$                                            | $\top$  | Н              |                        | 85       | $\dashv$ | +                | H        | $\neg +$      | +        | $\vdash$     | $\dashv$  |               |          | 135          | $\dashv$ | $\dashv$ | +       | +       | +            | Н            | +        | $\dashv$  |
|              | 36       | П          |               | +        | $\Box$                                           | $\top$                                            | $\top$  | H              |                        | 86       | $\dashv$ | +                | Н        | $\dashv$      | $\top$   | $\vdash$     | $\dashv$  | iii           |          | 136          | $\dashv$ | $\dashv$ | +       | +-      | $\vdash$     | H            | $\dashv$ | $\dashv$  |
|              | 37       |            | _             | 1        | $\Box$                                           | _                                                 |         | Н              |                        | 87       |          | +                | $\vdash$ | $\top$        | 1        | 1-1          | $\dashv$  | ::: <b>:</b>  |          | 137          | $\dashv$ | $\dashv$ | $\top$  | +       | $t^-$        | H            | $\dashv$ | $\dashv$  |
|              | 38       |            | $\neg \vdash$ | T        |                                                  | $\top$                                            | 1       | Н              |                        | 88       | _        | $\top$           | H        |               | +-       | 1-1          |           | ::: <b>:</b>  |          | 138          | _        | $\dashv$ | 十       | +       | $\vdash$     | Н            | 一        | $\dashv$  |
|              | 39       |            |               | Τ        | T                                                | $\neg$                                            |         | М              | $\neg$                 | 89       |          | 1                | П        |               | 1        | $\sqcap$     | -         |               | $\dashv$ | 139          | $\dashv$ | $\dashv$ | 十       | +       | 1            | H            | 寸        | $\dashv$  |
|              | 40       |            | $\top$        | T        | $\Box$                                           |                                                   | 1       | П              |                        | 90       | $\top$   |                  | П        | _             |          | 1-1          | $\neg$    | :::  <b> </b> |          | 140          | _        | $\top$   | $\top$  | $\top$  | t            | Н            | 寸        | $\dashv$  |
|              | 41       | П          |               | T        |                                                  |                                                   | 1       | П              |                        | 91       |          | $\top$           | $\sqcap$ |               |          | $\sqcap$     | $\dashv$  | -             | $\neg$   | 141          | 7        | $\top$   | 十       | +-      | <b>†</b>     | -            | $\dashv$ | $\dashv$  |
|              | 42       |            |               | 1        | $\Box$                                           | $\neg$                                            | $\top$  | П              |                        | 92       | $\neg$   | 1                | H        | T             | 1        | 1 1          | _         |               |          | 142          | _        | 十        | $\top$  | $\top$  | T            | $\Box$       | 寸        | $\exists$ |
|              | 43       |            |               | Τ        |                                                  |                                                   |         | П              |                        | 93       | $\neg$   | $\top$           | П        | $\neg$        | $\top$   | $\sqcap$     |           |               |          | 143          | 一        | 十        | $\top$  | 1       | 1            | $\vdash$     | $\dashv$ | $\dashv$  |
|              | 44       |            |               |          |                                                  |                                                   |         |                |                        | 94       |          |                  |          |               | $\top$   |              |           |               |          | 144          | $\dashv$ | $\neg$   | 十       | T       | T            | $\vdash$     | $\neg$   | ヿ         |
|              | 45       |            |               |          |                                                  | $\Box$                                            |         |                |                        | 95       |          |                  | П        |               | $\top$   | $\sqcap$     |           |               |          | 145          | •        |          |         | T       |              | П            | $\neg$   | $\exists$ |
|              | 46       |            |               | Γ        |                                                  |                                                   |         |                |                        | 96       |          |                  |          |               |          | $\Box$       | $\neg$    |               |          | 146          | $\neg$   |          | 7       | 1       |              | П            | $\neg$ † | $\neg$    |
|              | 47       |            |               | $\Gamma$ |                                                  |                                                   |         |                |                        | 97       |          | T                |          |               |          | $\Box$       |           |               |          | 147          |          |          | 7       | 1       |              | П            | 寸        | $\neg$    |
|              | 48       |            |               | $\Gamma$ |                                                  |                                                   | $\perp$ |                |                        | 98       |          | $\mathbf{I}^{-}$ |          |               |          |              |           |               |          | 148          |          | 1        | 7       | T       | T            | П            | 寸        | $\exists$ |
|              | 49       |            |               |          |                                                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         |                |                        | 99       |          |                  |          |               |          |              |           | - T           |          | 149          |          |          | 1       |         | 1            |              | 7        | $\neg$    |
| oxdot        | 50       |            |               | 1        |                                                  | $\Box \Gamma$                                     |         |                |                        | 100      |          |                  | П        |               | T        | П            |           | Γ             |          | 150          |          |          | Т       | Т       | Γ            |              | $\neg$   | $\neg$    |